

02-11-02

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390P7480D

(maximum 12 characters)

First Named Inventor Jun-Fei Zheng et al.Title: WORK FUNCTION TUNING FOR MOSFET GATE ELECTRODESExpress Mail Label No. EL 821 774 555 USJ1050 U.S. PTO
10/07/144
02/06/02ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 21)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. X **Drawings(s) (35 USC 113) (Total Sheets 4)**
5. X **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. X Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ **Assignment Papers (cover sheet & documents(s))**
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
10. ☒ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ a. Information Disclosure Statement (IDS)/PTO-1449
12. ☒ b. Copies of IDS Citations
13. ☒ **Preliminary Amendment**
14. ☐ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. ☒ Other: Express Mail Certificate of Mailing

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ **XX** Divisional ☐ Continuation-in-part (CIP)
 Of Prior Application No.: 09/451,696 Examiner Le, D. Group Art Unit 2818
 (which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. _____,
 which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

☐ Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

NAME Michael A. Bernadicou

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934

Signature: *Michael Bernadicou* Date: 2/6/02

FEE TRANSMITTAL FOR FY 2002**TOTAL AMOUNT OF PAYMENT (\$)** \$740.00**Complete if Known:****Application No.** Not yet assigned**Filing Date** Herewith**First Named Inventor** Jun-Fei Zheng et al.**Group Art Unit** Not yet assigned**Examiner Name** Not yet assigned**Attorney Docket No.** 042390P7480D**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666**Deposit Account Name** _____

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: ☒ Check
☐ Money Order
☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility application filing fee | \$740.00 |
| 106 | 330 | 206 | 165 | Design application filing fee | _____ |
| 107 | 510 | 207 | 255 | Plant filing fee | _____ |
| 108 | 740 | 208 | 370 | Reissue filing fee | _____ |
| 114 | 160 | 214 | 80 | Provisional application filing fee | _____ |

SUBTOTAL (1) \$ 740.00**2. EXTRA CLAIM FEES**

| | | Extra Claims | | Fee from below | | Fee Paid | |
|--------------------|---|--------------|---|----------------|----------|----------|-------|
| Total Claims | | - 20** = | | X | | = | |
| 13 | | - 20** = | 0 | X | \$18.00 | = | _____ |
| Independent Claims | 3 | - 3** = | 0 | X | \$84.00 | = | _____ |
| Multiple Dependent | | | | | \$280.00 | = | _____ |

****Or number previously paid, if greater; For Reissues, see below.**

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|-----------------------------------------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|-------------|---------------------|-------------|-------------------------------------------------------------------------------|-----------------|
| <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | | |
| <u>Code</u> | <u>(\$)</u> | <u>Code</u> | <u>(\$)</u> | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | _____ |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ |
| 139 | 130 | 139 | 130 | Non-English specification | _____ |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | _____ |
| 099 | 8,800 | 099 | 8,800 | Request for inter parties reexamination | _____ |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 115 | 110 | 215 | 55 | Extension for reply within first month | _____ |
| 116 | 400 | 216 | 200 | Extension for reply within second month | _____ |
| 117 | 920 | 217 | 460 | Extension for reply within third month | _____ |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | _____ |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | _____ |
| 119 | 320 | 219 | 160 | Notice of Appeal | _____ |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | _____ |
| 121 | 280 | 221 | 140 | Request for oral hearing | _____ |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | _____ |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | _____ |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | _____ |
| 143 | 460 | 243 | 230 | Design issue fee | _____ |
| 144 | 620 | 244 | 310 | Plant issue fee | _____ |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | _____ |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | _____ |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | _____ |
| 146 | 740 | 246 | 370 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | _____ |
| 148 | 110 | 248 | 55 | Statutory Disclaimer | _____ |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (see 37 CFR 1.129(b)) | _____ |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | _____ |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | _____ |
| 195 | 300 | 195 | 300 | Publication fee for early, voluntary, or normal pub. | _____ |
| 196 | 300 | 196 | 300 | Publication fee for republication | _____ |
| 194 | 130 | 194 | 130 | Request for voluntary publication or republication | _____ |
| 098 | 130 | 098 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | _____ |
| 091 | 1,280 | 091 | 1,280 | Acceptance of unintentionally delayed claim for priority | _____ |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Michael A. BernadicouSignature: Michael Bernadicou Date: 2/6/02Reg. Number: 35,934 Telephone Number: (408) 720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL821774555US

Date of Deposit: February 6, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Teresa Edwards

(Typed or printed name of person mailing paper or fee)

Teresa Edwards

(Signature of person mailing paper or fee)

February 6, 2002

(Date signed)

Serial/Patent No.: Not yet assigned

Filing/Issue Date: Herewith

Client: Intel Corporation

Title: WORK FUNCTION TUNING FOR MOSFET GATE ELECTRODES

BSTZ File No.: 042390P7480D

Atty/Secty Initials: MAB/EM/te

Date Mailed: February 6, 2002

Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (____ pgs.)
- ☐ Appeal Brief (____ pgs.) (in triplicate)
- ☐ Application - Utility (____ pgs., with cover and abstract)
- ☐ Application - Rule 1 53(b) Continuation (____ pgs.)
- ☒ Application - Rule 1 53(b) Divisional (21 pgs.)
- ☐ Application - Rule 1 53(b) CIP (____ pgs.)
- ☐ Application - Rule 1 53(d) CPA Transmittal (____ pgs.)
- ☐ Application - Design (____ pgs.)
- ☐ Application - PCT (____ pgs.)
- ☐ Application - Provisional (____ pgs.)
- ☐ Assignment and Cover Sheet
- ☒ Certificate of Mailing
- ☒ Declaration & POA (5 pgs.)
- ☐ Disclosure Docs & Orig & Copy of Invention Signed Later (____ pgs.)
- ☒ Drawings 5 # of sheets includes 8 figures

- ☒ Express Mail No EL821774555US ☒ Check No 740.00
- ☐ _____ Month(s) Extension of Time Amt: _____
- ☒ Information Disclosure Statement & PTO 140 (4 pgs.) ☐ Check No _____
- ☐ Issue Fee Transmittal Amt _____
- ☐ Notice of Appeal
- ☐ Petition for Extension of Time
- ☐ Petition for _____
- ☒ Postcard
- ☒ Power of Attorney (5 pgs.)
- ☒ Preliminary Amendment (2 pgs.)
- ☐ Reply Brief (____ pgs.)
- ☐ Response to Notice of Missing Parts
- ☐ Small Entity Declaration for Indep Inventor/Small Business
- ☐ Transmittal Letter, in duplicate
- ☒ Fee Transmittal, in duplicate

☒ Other: Submission of Formal Drawings; Copies of Cited Art; copy of Specification, Figures and DPOA as originally submitted on November 30, 1999, Express Certificate of Mailing

EL821774555US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jun-Fei Zheng et al.

Serial No.: Not yet assigned

Filed: Herewith

For: WORK FUNCTION TUNING FOR
MOSFET GATE ELECTRODES

Assistant Commissioner for Patents
and Trademarks
Washington, D.C. 20231

) Examiner: Not yet assigned

) Art Unit: Not yet assigned

) Express Mail" mailing label number: EL82177455505
Date of Deposit: February 6, 2002

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of Patents and Trademarks, Washington, D.C. 20231

TENESA EDWARDS
(Typed or printed name of person mailing paper or fee)

Tenesa Edwards
(Signature of person mailing paper or fee)
February 6, 2002
(Date signed)

FORMAL DRAWINGS SUBMISSION

Enclosed herewith for submission in the United States Patent and Trademark
Office are five (5) sheets of formal drawings for the patent application referenced above.

If there are any further charges please charge them to Deposit Account No. 02-
2666. A duplicate of this sheet is enclosed for that purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 2/6, 2002

Michael A. Bernadicou
Michael A. Bernadicou
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